

Hardening of the surface plasma jet high-frequency induction discharge of low pressure

Kashapov N., Sharifullin S.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© Published under licence by IOP Publishing Ltd. The work presents results of research on the hardening surfaces of the products and increase their roughness class of plasma jet of high-frequency induction discharge of low pressure. It is shown that such processing allows to clear at the same time a surface of all types of pollution, to remove a defective layer after its machining, to receive a uniform microstructure, to raise a roughness class on 2 - 3 units.

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